

INTERNATIONAL SEARCH REPORT

PCT/GB 03/05586

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B67D3/00 B67D1/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B67D B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 3 541 808 A (MATERESE VINCENT) 24 November 1970 (1970-11-24) column 2, line 40 - line 52; figure 2 column 3, line 24 - line 27	1-4,6,7, 9,15 13
Y	GB 2 304 179 A (FRASER MILNE LTD) 12 March 1997 (1997-03-12) page 6, paragraph 3 page 7, paragraph 1	1-4,6,7, 9,10, 13-16, 18,19
Y	US 5 619 856 A (LEE YONG N) 15 April 1997 (1997-04-15) column 5, line 3 - line 22; figure 1 -/--	13,14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *I* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (as specified)
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

2 April 2004

Date of mailing of the international search report

15/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Desittere, M

INTERNATIONAL SEARCH REPORT

PCT/GB 03/05586

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 540 355 A (INN GLENN ET AL) 30 July 1996 (1996-07-30)	10
A	column 3, line 41 - line 55 ----	12
X	US 6 098 844 A (NICOLLE KENNETH) 8 August 2000 (2000-08-08)	7
A	column 3, line 10 - line 17; figure 1 ----	1-3,6,15
A	US 5 979 709 A (LICCIONI ROBERT) 9 November 1999 (1999-11-09) figure 1 ----	1-7,15
Y	GB 1 004 498 A (DAVID LUPOVICI) 15 September 1965 (1965-09-15) page 1, line 85 -page 2, line 4; figure 2 ----	16,18,19
A	US 2 857 084 A (HARRIS JOHN T) 21 October 1958 (1958-10-21) column 1, line 23 - line 26 column 1, line 49 - line 51 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/GB 03/05586

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3541808	A	24-11-1970	NONE	
GB 2304179	A	12-03-1997	AU 6666196 A WO 9707369 A1 ZA 9606779 A	12-03-1997 27-02-1997 19-02-1997
US 5619856	A	15-04-1997	KR 201514 B1	15-06-1999
US 5540355	A	30-07-1996	NONE	
US 6098844	A	08-08-2000	AU 2043199 A BR 9907225 A CA 2318825 A1 WO 9937575 A1 EP 1064220 A1 JP 2002500994 T	09-08-1999 24-10-2000 29-07-1999 29-07-1999 03-01-2001 15-01-2002
US 5979709	A	09-11-1999	FR 2769610 A1 AT 199880 T CA 2248475 A1 DE 69800615 D1 DE 69800615 T2 DK 905084 T3 EP 0905084 A1 ES 2156023 T3 GR 3035851 T3 HK 1019059 A1 PT 905084 T	16-04-1999 15-04-2001 30-03-1999 26-04-2001 18-10-2001 25-06-2001 31-03-1999 01-06-2001 31-08-2001 28-06-2002 28-09-2001
GB 1004498	A	15-09-1965	NONE	
US 2857084	A	21-10-1958	NONE	